

WHAT IS CLAIMED IS:

1. A FM transmitter and charger assembly for a MP3 player,
comprising

5 a primary member having a first locating portion on a front thereof
for supporting a MP3 player thereon; the first locating portion being
formed with a fitting trench on a front side thereof; the primary member
having a second locating portion on the front; the first locating portion
having a connecting unit secured thereon for connection to a socket of a
10 MP3 player when the MP3 player is located on the first locating portion;
the second locating portion having a first power plug and an audio
source plug secured thereon; the primary member having a second power
plug secured on a rear thereof and electrically connected to both the first
power plug and the connecting unit; the connecting unit being
15 electrically connected to the audio source plug;

 a securing member for holding a MP3 player therein as well as for
securing the MP3 player to the first locating portion of the primary
member; the securing member including:

 (1) a hollow holding part for the MP3 player to be closely inserted
20 therein;

 (2) an engaging plate connected to a rear side of the hollow part
and capable of being detachably fitted into the fitting trench of the
primary member;

a FM transmitting device detachably connected to the second locating portion of the primary member; the transmitting device having a power socket, and an audio source socket for connection to the first power plug, and the audio source plug of the primary member respectively; the FM transmitting device being made so as to be capable of transmitting audio signals wirelessly, which are transferred thereto from a MP3 player connected to the connecting unit of the primary member, thus allowing a radio to receive the audio signals, and play music accordingly after the radio is tuned to a same channel as the FM transmitting device;

whereby a MP3 player can be secured to the primary member when the engaging plate of the securing member is fitted into the fitting trench of the primary member after the MP3 player has been closely inserted in the hollow part of the securing member.

2. The FM transmitter and charger assembly for a MP3 player as claimed in claim 1, wherein the FM transmitting device has a plurality of operation buttons usable for setting an operational mode, function, and transmission frequency, and a display for showing operational mode, function, and transmission frequency thereon.

3. The FM transmitter and charger assembly for a MP3 player as claimed in claimed 1, wherein the hollow holding part of the securing member is made of hard materials, and formed in such a way as to have a substantially C-shaped horizontal cross-section.

4. The FM transmitter and charger assembly for a MP3 player as claimed in claimed 1, wherein the hollow holding part of the securing member is made of soft materials, and substantially in the shape of a bag.

5 5. The FM transmitter and charger assembly for a MP3 player as claimed in claimed 1, wherein the securing member has a pivotal rod, and a spring connected to both the hollow part and the engaging plate thereof such that the engaging plate is biased close to, and angularly displaceable relative to the hollow part.

6. The FM transmitter and charger assembly for a MP3 player as
10 claimed in claimed 1, wherein a MP3 player will be charged when it is connected to the primary member plus the second power plug of the primary member is connected to a power socket of a car; the FM transmitting device needing not to be connected to the primary member when a MP3 player is being charged.

15 7. The FM transmitter and charger assembly for a MP3 player as claimed in claimed 1, wherein the MP3 player is a specialized MP3 player.

8. The FM transmitter and charger assembly for a MP3 player as
20 claimed in claimed 1, wherein the MP3 player is a personal digital assistant (PDA), which can store and process MP3 music data.